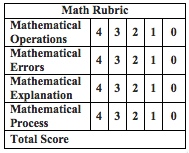
**I.S. 281 Joseph B. Cavallaro**

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Brooklyn, N.Y. 11214

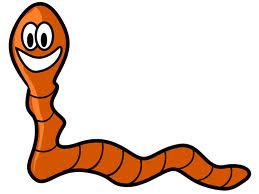
**Ms. M. Bender, Principal**

Name \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Class \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Teacher \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Task: Arc 2: Worms

Version A



***6.RP.2***

***Understand the concept of a ratio and use ratio language to describe a ratio relationship between two quantities.***

***6.RP.3b***

***Solve unit rate problems including those involving unit pricing and constant speed.***

***6.RP.3c***

***Find a percent of a quantity as a rate per 100.***

**Directions: Answer each question. Be sure to show your work and explain the process you used to find your answer.**

1. Andy Worm travels 8 cm every 4 minutes. How far will Andy travel in 6 minutes?

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1. Andy Worm travels 8 cm every 4 minutes. Betty Worm travels 15 cm every 10 minutes. Find the unit rate of Andy and Betty’s speed to see who is traveling faster.

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1. Betty would like to go to the compost pile, which is 60 cm away. Betty has traveled 15 cm toward the compost pile. What percent of the total distance has Betty traveled?

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